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62.27

Wholesale Trade List

Spring 1952

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U. S. Department of Agriculture

PEACE
(Plant Pat. 591)

AARS

MISSION BELLS
(Plant Pat. 923)

AARS

NEW YORKER (Plant Pat. 823)

Place Your Order *Early!*

Buy from Lake's for complete satisfaction!!! Highest quality nursery stock, prompt service and courteous treatment are our watchwords. Send us your order early while our assortment is complete. The stock you order will be reserved for you and will be shipped according to your instructions.

Order Today!

LONG DISTANCE
PHONES
406 - 407

Lakes

SHENANDOAH NURSERIES

Shenandoah, Iowa

CYDONIA JAPONICA - FL. QUINCE

HYDRANGEA P. G.

PHILADELPHUS, VIRGINALIS

Popular Flowering SHRUBS

KOLKWITZIA-
BEAUTY BUSH

SPRING GLORY
FORSYTHIA

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs. Roses, Vines, PERENNIALS (including PEONIES and LILIES).

300 or more take 1000 rates where published.
30 to 300 take 100 rates.
Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS
300 of same variety and grade take 1000 rates.
Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED
30 trees (any assortment) take 100 rates.
Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS
300 or more bulbs (not less than 50 of any one variety) take 1000 rates.
Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are SUBJECT TO CHANGE WITHOUT NOTICE. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice-Pres. R. S. MULLISON, Vice-Pres.

A. D. HUNT, Treas.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.	$5 50	$50 00	$------
" " " 4 " " " 9/16 to 11/16 in.	4 75	42 50	375 00
" " " 3 " " " 7/16 to 9/16 in.	4 00	35 00	300 00
" " " 2 " " " 5/16 to 7/16 in.	2 90	25 00	------
" " " 5 " " " 7/8 in. and up	6 50	60 00	------

Anoka
Baldwin
Cortland
Delicious Dark Red
Delicious Yellow
Dolgo
Duchess Dark Red
Fameuse
Grimes Golden
Haralson
Hyslop
Jonathan Dark Red
McIntosh Dark Red
Melba
Milton
Minjon
Northern Spy Red
Prairie Spy
Red June
Redwell (Minn. No. 638)
Rome Beauty Red
Stayman Dark Red
Turley
Victory
Virginia Crab
Wealthy
Whitney
Winesap Dark Red

DELCON

A true semi-dwarf Apple tree—12 ft.

Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Flavor is a combination of its parents, Jonathan and Delicious. Developed, tested and approved by Mo. State Experiment Station. Hardy wherever Red Delicious is successful.

	Per 10	Per 100
4 to 5 ft. 2 yr.	$ 8 50	$ 80 00

CHERRY—SOUR

Two Year on Mahaleb

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$ 9 00	$85 00	$------
3½ " " " 9/16 to 11/16 in.	8 00	75 00	------
3 " " " 7/16 to 9/16 in.	6 50	60 00	------
5 " " " 1 in. and up	10 00	95 00	900 00

Early Richmond
English Morello
Montmorency

CHERRY—Sour

One Year on Mahaleb

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 and up	$ 9 00	$85 00	$------
3 " " " 9/16 to 11/16 in.	8 00	75 00	------
2½ " " " 7/16 to 9/16 in.	6 50	60 00	------
2 " " " 5/16 to 7/16 in.	5 00	45 00	------

Early Richmond
Montmorency

CHERRY—Sweet

One and Two Year on Mahaleb

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, mostly branched	$10 00	$90 00	$------
4 " " " 9/16 to 11/16 in., mostly branched	8 50	80 00	------
3 " " " 7/16 to 9/16 in., whips and lightly branched	7 00	65 00	------
2½ " " " 5/16 to 7/16 in., mostly whips	5 00	45 00	------

Bing
Black Giant
Black Tartarian
Windsor
Yellow Glass
Yellow Spanish

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
18 to 24 in, transplants	$ 2 40	$ 20 00	$180 00
12 to 18 in, "	1 80	16 00	140 00
3 to 4 ft., one year seedlings	----	16 00	140 00
2 to 3 ft., " " "	----	11 00	100 00
18 to 24 in., " " "	----	8 00	70 00
12 to 18 in., " " "	----	5 50	50 00

PEAR STANDARD

	Per 10	Per 100	Per 1000
Two Year, 4½ ft. and up, 11/16 in. and up	$ 7 00	$ 65 00	$------
" " 4 " " " 9/16 to 11/16 in.	6 00	55 00	------
" " 3 " " " 7/16 to 9/16 in.	4 50	40 00	------
" " 2 " " " 5/16 to 7/16 in.	2 90	25 00	------

Anjou
Bantam (Minn. No. 3)
Bartlett
Clapp Favorite
Cope's Seedless
Duchesse d'Angouleme
Flemish Beauty
Gorham
Lincoln
Mendel
Orient
Seckel

PEAR—Dwarf

	Per 10	Per 100	Per 1000
Two Years, 9/16 to 11/16 in.	$ 8 00	$ 75 00	$------

Bartlett

PEACH—One Year

	Per 10	Per 100	Per 1000
3 ft. and up, 7/16 to 9/16 in.	$ 4 50	$ 40 00	$350 00
2 " " " 5/16 to 7/16 in.	3 20	28 00	250 00

Belle of Georgia
Champion
Early Elberta
Elberta
Golden Jubilee
Halehaven
Heath Cling
Mayflower
Osage
Polly
Rochester
Southhaven
Valiant

FERTILE HALE PEACH

Patent No. 175

An improved Hale type peach which is self fertile requiring no cross pollination. Hardier and more vigorous than J. H. Hale or Elberta. Fruit is yellow with deep carmine blush, ripens with last of Elbertas. An outstanding commercial variety. Frequently brings premium market prices. Excellent shipper.

	Per 10	Per 100	Per 1000
4 ft. and up, 9/16 to 11/16 in.	$ 7 00	$ 65 00	$------
3 " " " 7/16 to 9/16 in.	5 50	50 00	450 00
2 " " " 5/16 to 7/16 in.	4 50	40 00	350 00

Suggested retail price 10¢ per tree higher than unpatented varieties.

APRICOT—One Year

(On Peach Roots)

	Per 10	Per 100	Per 1000
3 ft. and up, 7/16 to 9/16 in.	$ 6 00	$ 55 00	$------
2 " " " 5/16 to 7/16 in.	5 00	45 00	------

Ea. Golden **Manchu** **Scout** **Superb** **Wenatchee** **Moorpark**

PLUM
EUROPEAN and JAPANESE
(On Myrobolan)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 6 50	$ 60 00	$------
4 " " " 9/16 to 11/16 in.	5 50	50 00	------
3 " " " 7/16 to 9/16 in.	4 50	40 00	------
2 " " " 5/16 to 7/16 in.	2 90	25 00	------

Abundance
Burbank
Fellenberg
Italian Prune
Lombard
Red June
Shrop Damson
Stanley

PLUM—One Year
AMERICAN and HARDY HYBRIDS
(On Native Roots)

	Per 10	Per 100	Per 1000
4 ft. and up, 9/16 to 11/16 in.	$ 5 50	$ 50 00	$------
3 " " " 7/16 to 9/16 in.	4 50	40 00	------
2 " " " 5/16 to 7/16 in.	2 90	25 00	------

Ames No. 200
Hanska
Kaga
Kahinta
Oka
Omaha
Opata
Oxheart
Pipestone
Red Coat
Sapa
Superior
Terry
Toka
Underwood
Waneta

NECTARINE

	Per 10	Per 100	Per 1000
1 ft. and up, 11/16 to 1 in.	$ 7 50	$ 70 00	$------
3½ " " " 9/16 to 11/16 in.	6 50	60 00	------
3 " " " 7/16 to 9/16 in.	5 00	45 00	------
2 " " " 5/16 to 7/16 in.	3 50	30 00	------

Sure Crop
Hunter

CURRANTS
Tied, No. 1, 25; No. 2, 50 per Bundle.

	Per 100	Per 1000
Cherry, dark red, 2 yr. No. 1	$16 00	$140 00
" " " 2 yr. No. 2	12 00	100 00
Fay (Fay's Prolific), dark red, 2 yr. No. 1	16 00	140 00
" " " " " 2 yr. No. 2	12 00	100 00
Perfection, bright red, 2 yr. No. 1	18 00	160 00
" " " 2 yr. No. 2	14 00	120 00
Red Lake, the light red berries are in long clusters; thrifty and extremely productive.		
2 yr. No. 1	18 00	160 00
2 yr. No. 2	14 00	120 00

BLACKBERRIES
Tied 25 per Bundle.

	Per 100	Per 1000
Alfred, No. 1	$ 5 50	$ 50 00
Ancient Briton, No. 1	5 50	50 00
Early Harvest, No. 1	5 50	50 00
Eldorado, No. 1	5 50	50 00

RASPBERRIES
Tied 25 per Bundle.

	Per 100	Per 1000
Bristol, a new midseason black raspberry. A heavy producer even on thin soils. Almost seedless.	$ 6 50	$ 60 00
Chief, a Latham seedling; finest early red; heavy producer. No. 1, suckers	8 00	75 00

RASPBERRIES—Continued

	Per 100	Per 1000
Cumberland, most widely planted blackcap raspberry.		
Tips	$ 5 50	$ 50 00
Transplants	9 00	85 00
Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality.		
1 yr. No. 1 Suckers	9 00	85 00
Latham, a large, productive red variety, always in demand.		
No. 1, Suckers	8 00	75 00
Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
Tips	6 50	60 00
New Sunrise, one of the newer red varieties, firm, juicy fruit, early.		
No. 1 Suckers	8 00	75 00
Sodus, a new, very large, drought-resistant purple raspberry, possibly most productive of all raspberries.		
1 yr. No. 1 Tips	6 50	60 00

GRAPE VINES

Tied, 2 yr. No. 1, 50; 2 yr. No. 2, 100 per Bundle.

	Per 100	Per 1000
Agawam, red, 2 yr. No. 1	$16 00	$140 00
" " 2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Beta, black, 2 yr. No. 1	16 00	------
" " 2 yr. No. 2 or 1 yr. No. 1	13 00	------
Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
2 yr. No. 1	20 00	180 00
2 yr. No. 2 or 1 yr. No. 1	15 00	130 00
Concord, black, 2 yr. No. 1	13 00	110 00
" " 2 yr. No. 2 or 1 yr. No. 1	9 00	80 00
Delaware, red, 2 yr. No. 1	18 00	160 00
" " 2 yr. No. 2 or 1 yr. No. 1	15 00	130 00
Fredonia, earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
2 yr. No. 1	16 00	140 00
2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Golden Muscat, large, golden grape of California type; very sweet; large bunches. Hardy in Middle West.		
2 yr. No. 1	60 00	------
2 yr. No. 2 or 1 yr. No. 1	50 00	------
Moore's Early, black, 2 yr. No. 1	17 00	150 00
" " " 2 yr. No. 2 or 1 yr. No. 1	14 00	120 00
Niagara, white, 2 yr. No. 1	16 00	140 00
" " 2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Portland, earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
2 yr. No. 1	$ 20 00	$180 00
2 yr. No. 2 or 1 yr. No. 1	16 00	140 00
Sheridan, black. Ripens one week later than Concord; better flavor; an excellent keeper.		
2 yr. No. 1	22 00	------
2 yr. No. 2 or 1 yr. No. 1	16 00	------

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Conover's Washington, Palmetto, 2 yr. No. 1	$ 2 60	$ 22 00
" " " " 1 yr. No. 1	1 80	15 00
Asparagus Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor.		
2 yr. No. 1	2 60	22 00
1 yr. No. 1	1 80	15 00
Boysenberry, Tip plants	5 50	50 00
Boysenberry, Thornless tip plants	6 50	60 00
Horseradish, Crowns	6 50	60 00
" Cuttings	3 50	30 00
Rhubarb, Victoria, Whole Roots, 2 yr. 1½ in. and up	8 50	80 00
" " " " 2 yr. 1 to 1½ in.	6 50	60 00
" " " " 1 yr. ⅝ to 1 in.	5 00	45 00
" " " " 1 yr. ½ to ⅝ in.	4 00	35 00
Rhubarb, McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	28 00	------
Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.	28 00	------
Youngberry, Tip Plants, No. 1	5 50	50 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

	Per 100	Per 1000
ASH, GREEN (Fraxinus pennsylvanica lanceolata)		
6 to 12 in.	$ 1 20	$ 10 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 50	22 00
2 to 3 ft.	3 50	30 00
3 to 4 ft.	5 00	------
4 to 5 ft.	7 50	70 00
BUCKTHORN (Rhamnus cathartica)		
12 to 18 in.	4 50	40 00
18 to 24 in.	5 60	50 00
CARAGANA arborescens (Siberian Peashrub)		
6 to 12 in.	2 10	18 00
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	8 50	75 00
CATALPA speciosa, Western Catalpa		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 70	14 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 50	30 00
CORYLUS AMERICANA, (American hazelnut)		
12 to 18 in.	9 00	80 00
2 to 3 ft.	18 00	150 00
ELM, American (Ulmus americana)		
6 to 12 in.	90	8 00
12 to 18 in.	1 70	14 00
2 to 3 ft.	2 90	25 00

FOREST TREE SEEDLINGS—Continued

	Per 100	Per 1000
ELM, Chinese (Ulmus pumila)		
6 to 12 in.	$ 90	$ 8 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 60	22 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 60	50 00
4 to 5 ft.	9 00	80 00
MAPLE, Silver (Acer dasycarpum)		
6 to 12 in.	1 40	12 00
OAK, Pin, (Quercus palustris)		
9 to 12 in.	6 50	55 00
12 to 18 in.	8 50	75 00
18 to 24 in.	12 00	100 00
PECAN HARDY, Carya illinoensis		
6 to 12 in.	6 50	55 00
12 to 18 in.	9 00	80 00
18 to 24 in.	12 00	100 00
PERSIMMON, (Diospyros virginiana)		
6 to 12 in.	2 90	25 00
12 to 18 in.	4 50	40 00
18 to 24 in.	5 60	50 00
2 to 3 ft.	7 00	65 00
3 to 4 ft.	9 50	85 00
RED BUD, (Cercis canadensis)		
12 to 18 in.	7 00	60 00
18 to 24 in.	12 00	100 00
2 to 3 ft.	18 00	150 00
WALNUT, Black (Juglans nigra)		
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	9 00	80 00
4 to 5 ft.	12 00	-----

ONE YEAR FROM CUTTINGS

	Per 100	Per 1000
POPLAR (Populus)		
Lombardy and Volga		
12 to 18 in. whips	$ 2 40	$ 20 00
18 to 24 in. "	4 00	35 00
2 to 3 ft. "	5 60	50 00
3 to 4 ft. "	8 50	75 00
Simoni (Chinese Lombardy)		
18 to 24 in., whips	2 90	25 00
2 to 3 ft., "	4 50	40 00
WILLOW (Salix)		
Babylonica		
3 to 4 ft.	8 50	75 00
4 to 5 ft.	12 00	100 00
Golden		
12 to 18 in.	1 80	15 00
18 to 24 in.	2 60	22 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	8 00	70 00
Pussy (discolor)		
12 to 18 in.	2 40	20 00
3 to 4 ft.	7 50	65 00
Wisconsin (blanda)		
18 to 24 in.	4 50	40 00
2 to 3 ft.	7 00	60 00
4 to 5 ft.	12 00	100 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread. All calipers are taken 6 inches above the collar.

ASH (FRAXINUS)

Green (pennsylvanica lanceolata) 50-60 ft.

Shapely, round-headed trees with slender, spreading branches. Hardy.

	Per 10	Per 100
4 to 5 ft.	$ 5 50	$ 50 00
5 to 6 ft.	8 00	75 00
8 to 10 ft.	16 50	150 00

CATALPA

bungei (Manchurian) 10-12 ft.

Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

1 year heads, 4 to 5 ft. stems	11 00	100 00
2 year heads, 4 to 5 ft. stems	14 00	125 00
1 year heads, 6 to 7 ft. stems	16 50	150 00
2 year heads, 6 to 7 ft. stems	20 00	180 00

CRAB FLOWERING (Malus)

3 to 4 ft., tree form whips	4 50	40 00
4 to 5 ft., " " "	6 50	60 00
3 to 4 ft., Shrub form	8 00	75 00
4 to 5 ft., " "	11 00	100 00

Hopa (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

ELM (ULMUS)

American White (americana) 60-100 ft.

A stately, massive tree that affords ample shade and shelter.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 5 00	$ 15 00	$400 00
5 to 6 ft.	7 00	65 00	600 00
6 to 8 ft.	9 50	90 00	------
8 to 10 ft.	14 00	125 00	------
1¼ to 1½ in.	17 50	160 00	------
1½ to 2 in.	29 00	265 00	------

Chinese (Ulmus pumila) 40-50 ft.

A hardy, rapid-growing tree; small dense foliage; drought-resistant.

4 to 5 ft.	4 00	35 00	300 00
5 to 6 ft.	6 00	55 00	500 00
6 to 8 ft.	9 00	85 00	------
8 to 10 ft.	12 00	110 00	------

MAPLE (ACER)

Silver or Soft (dasycarpum) 60-80 ft.

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

4 to 5 ft.	5 50	50 00	450 00
5 to 6 ft.	7 50	70 00	650 00
6 to 8 ft.	12 00	110 00	------
8 to 10 ft.	17 50	160 00	------

POPLAR (POPULUS)

Lombardy (nigra italica) 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

8 to 10 ft. low branched	6 00	55 00	500 00
1¼ to 1½ in. " "	7 00	65 00	600 00
1½ to 2 in. " "	10 00	90 00	------

ORNAMENTAL and SHADE TREES—Continued

PRUNUS, Ornamental Plum

	Per 10	Per 100
Newport (Purple-leaved Plum) (on peach only).		
A large shrub with upright growth, purplish red foliage. Hardy.		
18 to 24 in.	$ 5 50	$ 50 00
2 to 3 ft.	7 00	65 00

Persica (Flowering Peach on peach roots) (Tree Form) 15-18 ft.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 2 90	$ 25 00	$------
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	6 00	55 00	------

Cardinal, Double red. **Pink Charming,** Double pink.
Iceberg, Early snow-white.

pissardi veitchi. 15 ft. (on peach only).
Completely covered in early spring with large clusters of double pink blooms similar to flowering cherry. Bronze colored foliage. Very hardy.

18 to 24 in.	5 00	45 00	------
2 to 3 ft.	7 00	65 00	------

REDBUD (CERCIS)

	Per 10	Per 100
canadensis 20-30 ft.		
Produces an abundance of reddish-pink flowers in early Spring. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.		
18 to 24 in.	$ 4 00	$ 35 00
2 to 3 ft.	5 50	50 00
3 to 4 ft.	8 50	80 00
4 to 5 ft.	12 00	110 00

THORN (CRATAEGUS

cordata (Washington Hawthorn) 20-25 ft.		
Fruit bright red; leaves brilliantly colored in Autumn.		
2 to 3 ft.	11 00	100 00
3 to 4 ft.	16 50	150 00

WILLOW (SALIX)

	Per 10	Per 100	Per 1000
babylonica 40-50 ft.			
A large, graceful Willow; bright green foliage, long wavy branches.			
3 to 4 ft.	$ 2 90	$ 25 00	$------
4 to 5 ft.	4 00	35 00	300 00
Laurel leaved, Salix pentandra. 30-40 ft.			
Hardy upright grower with large, dark green leaves.			
3 to 4 ft.	3 50	30 00	------
4 to 5 ft.	4 50	40 00	------
5 to 6 ft.	6 50	60 00	------
Niobe (Golden Weeping) 30-35 ft.			
A hardy, graceful weeping tree; light green leaves, golden yellow bark.			
5 to 6 ft.	6 50	60 00	------
6 to 8 ft.	10 00	90 00	850 00
8 to 10 ft.	12 00	110 00	1000 00
Pussy (discolor) 20-25 ft.			
Very popular for its gray catkins in early Spring. Small, narrow leaves.			
2 to 3 ft.	3 50	30 00	------
Russian Golden (vitellina) 26-30 ft.			
Extremely hardy. One of the most wind-resisting windbreak trees.			
4 to 5 ft.	3 50	30 00	------
5 to 6 ft.	5 50	50 00	------
6 to 8 ft.	8 00	75 00	------
8 to 10 ft.	11 00	100 00	------
Wisconsin (blanda) 30-40 ft.			
The popular free-barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.			
8 to 10 ft.	12 00	110 00	------

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------
3 to 3½ ft.	6 00	55 00	------

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	------
3 to 4 ft.	4 00	35 00	------

Anemoneflorus, double bright pink.
Boule de Feu, double purplish-red.
Jeanne de Arc, double pure white.
Lucy, very double red.
***Coelestis,** Single blue.
***Available 12-18 inch grades. 10¢ higher.**

Purpurea Semi-Plena, semi-double clear purple.
Snowdrift, single white
Totus Albus, single white.

BARBERRY (BERBERIS)

Redleaf (thunbergi atropurpurea)

Warm bronze-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

9 to 12 in.	2 40	20 00	180 00
12 to 15 in.	3 20	28 00	------
15 to 18 in.	4 00	35 00	------
18 to 24 in.	5 00	45 00	------
2 to 2½ ft.	5 50	50 00	------

thunbergi. 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

12 to 15 in.	2 30	19 00	170 00
15 to 18 in.	2 60	22 00	200 00
18 to 24 in.	3 20	28 00	250 00
2 to 2½ ft.	4 00	35 00	300 00

TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Groves in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

	Wholesale Price Net			Retail Resale Prices			
Size	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
12 to 15 inches	$2 80	$23 00	$210 00	$ 60	$2 25	$10 00	$36 00
15 to 18 inches	3 50	30 00	270 00	70	2 85	12 50	45 00
18 to 24 inches	4 50	37 00	340 00	90	3 50	15 00	55 00

ORNAMENTAL SHRUBS—Continued

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.

	Per 10	Per 100	Per 1000
Medium	$ 2 90	$ 25 00	$ ------
No. 1	3 50	30 00	------

Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

Dubonnet, 4-5 ft.
The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Bloom profusely.

CALYCANTHUS (SWEET SCENTED SHRUB)

Floridus. June-July. 4-5 ft.
A hardy symmetrical shrub with dark green foliage and chocolate-colored flowers; very fragrant. Thrives well in shady locations.

12 to 18 in.	4 00	35 00	300 00

CARAGANA (PEASHRUB)

arborescens (Siberian Peashrub) May-June. 10-20 ft.
Small, light green foliage, clusters of bright yellow, pea-shaped flowers. Perfectly hardy, valuable for either group or individual plantings.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	3 50	30 00	------

CORNUS (DOGWOOD)

alba siberica (Coral Dogwood) April-May. 8-10 ft.
Stout, erect, bright red branches; white flowers, porcelain-blue berries.

12 to 18 in.	2 40	20 00	180 00
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------
4 to 5 ft.	7 00	65 00	------

Florida (White Flowering Dogwood) July. 12-15 ft.
Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.

2 to 3 ft.	11 00	100 00	------
3 to 4 ft.	16 50	150 00	------

Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.
Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.

2 to 3 ft. Wrapped in moss and burlap	25 00	225 00	------
3 to 4 ft. " " " " "	32 50	------	------

stolonifera (Redosier Dogwood) May-June. 6-8 ft.
Spreading but erect growing; white flowers and berries; dark red bark.

12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	5 00	45 00	------

Variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft.
Silver variegated leaves, bright red bark. Very attractive.

12 to 18 in.	4 00	35 00	------
18 to 24 in.	5 50	50 00	------

COTONEASTER

Acutifolia (Peking Cotoneaster) May-June. 10-12 ft.
A valuable massing and hedging shrub. Dark green leaves; black fruit.

3 to 4 ft.	6 50	60 00	------

CRANBERRY, Highbush (See Viburnum)

ORNAMENTAL SHRUBS—Continued

CREPE MYRTLE (Lagerstroemis Indica) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------

White Watermelon Red
Pink

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

Aurea (March-April 3-4 ft.)

A lovely dwarf quince completely covered with rose suffused salmon tinted yellow flowers. Fine for foreground planting or for hedge.

2 to 3 ft.	9 50	90 00	------

japonica (Japanese Flowering Quince) March-April. 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	3 80	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	500 00

japonica rubra (True Red Flowering Quince) March-April. 5-6 ft.

An improved strain which produces true bright red flowers. A distinct improvement on the common japonica. Non-fruiting.

12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	------

DEUTZIA

Lemoinei (Lemoine Deutzia) May. 3-4 ft.

Very floriferous, semi-dwarf hybrid variety; creamy white flowers in short, chubby sprays; distinct from all other varieties.

12 to 18 in.	$ 4 00	$ 35 00	$320 00

Pride of Rochester. May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

12 to 18 in.	2 60	22 00	200 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	5 50	50 00	450 00

ELDER (SAMBUCUS)

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

2 to 3 ft.	5 00	45 00	------

EUONYMUS Japonicus (Evergreen Burningbush).

Upright dense grower. Thick, shiny, oval leaves. Not recommended where temperature falls below zero.

12 to 18 in. Bareroot	6 50	60 00	500 00
18 to 24 in. Bareroot	11 00	100 00	------

FORSYTHIA (GOLDEN BELL)

fortunei (Fortune Forsythia) April. 6-8 ft.

A large, upright shrub with slightly drooping branches, golden yellow flowers.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	50 00	------
3 to 4 ft.	6 00	60 00	------

ORNAMENTAL SHRUBS—Continued

FORSYTHIA (GOLDEN BELL)—Continued

	Per 10	Per 100	Per 1000
intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.			
Hardiest of all Forsythias. Very profuse bloomer; rich yellow flowers.			
12 to 18 in.	$ 2 90	$ 25 00	$ ------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 50	50 00	------
3 to 4 ft.	6 50	60 00	------

FORSYTHIA SPRING GLORY

A new Forsythia which is, without doubt, the loveliest of all Forsythias. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

12 to 18 in.	3 50	30 00	------
18 to 24 in.	5 00	45 00	------
3 to 4 ft.	7 00	65 00	------

HEDGING (See Page 20)

HONEYSUCKLE (LONICERA)

fragrantissima, Winter Honeysuckle. 6-8 ft.

Fragrant white flowers in March-April. Nearly evergreen, semi-hardy.

12 to 18 in.	$ 2 90	$ 25 00	$200 00

grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	500 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	------

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	500 00

Tatarian Red (tatarica rubra) April-May. 10-12 ft.

A hardy and vigorous shrub. Rosy-pink flowers followed by bright red fruit.

18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	400 00

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00

zabeli, Zabel Honeysuckle. 8-10 ft.

Generally accepted as the best of the improved strains of Red Tatarian Honeysuckle. Flowers are true red. Very hardy.

12 to 18 in.	3 50	30 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

ORNAMENTAL SHRUBS—Continued

HYDRANGEA

arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 50	$ 30 00	$270 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 4 ft.	6 50	60 00	550 00

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 4 ft.	6 50	60 00	550 00

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

12 to 18 in.	3 50	30 00	270 00
2 to 3 ft.	6 50	60 00	550 00
3 to 4 ft.	7 00	65 00	------

LILAC (SYRINGA)

Common Purple (vulgaris) April-May. 12-15 ft.

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

18 to 24 in.	4 00	35 00	------
2 to 3 ft.	4 50	40 00	------
3 to 4 ft.	6 00	55 00	------

Common White, (vulgaris alba) 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

12 to 18 in.	3 50	30 00	------

Persian Purple (persica) (April-May. 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

12 to 18 in.	3 50	30 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	6 50	60 00	550 00

rothomagensis (chinensis) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	6 50	60 00	550 00

villosa (Late Lilac) June. 8-10 ft.

Large, broad, plume-like panicles of delicate pink flowers; large leaves.

12 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	6 50	60 00	------

ORNAMENTAL SHRUBS—Continued

LILAC (Syringa)

French Lilacs. Named varieties. April-May. 8-15 ft.

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double and single flowering varieties, many usual shades and color blends.

	Per 10	Per 100
12 to 18 ini.	$ 4 50	$ 40 00
18 to 24 in.	6 50	60 00
2 to 3 ft.	8 50	80 00

s—Single d—Double

	12/18″	18/24″	2/3′
Belle de Nancy, d rose white center	--	--	X
Ellen Willmott, d creamy white	--	X	--
Hugo Koster, s lilac tinged red	X	--	--
Ludwig Spaeth, s purplish red	X	--	--
Marc Michel, d lavender blue	--	--	X
Mme. Casimir Perier, d white	X	--	--
Mme. Lemoine, d white	X	X	--
Pres. Grevy, d bluish lilac	X	X	X

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Belle Etoile. May - June. 4-5 ft.

A new Philadelphus of high merit. Large 2 inch star shaped flowers are pure white except a slight purple tinge deep in throat when first opening. A neat bush. Very fragrant. Not considered hardy north of southern Iowa.

	Per 10	Per 100
12 to 18 in.	$ 4 50	$ 40 00
18 to 24 in.	6 00	55 00
2 to 3 ft.	7 00	65 00

coronarius (Sweet Mock Orange) May-June. 8-10 ft.
The old fashioned sweet-scented Mock Orange; free-flowering and vigorous.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 60	$ 22 00	$200 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.
Large scentless white flowers in clusters; branches somewhat straggling.

12 to 18 in.	2 60	22 00	200 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	------

PHILADELPHUS
MINNESOTA SNOWFLAKE
Plant Pat. No. 538

A really new and outstanding introduction. The glistening white, intensely double blooms are borne profusely and are very fragrant. The well shaped shrub is nicely branched with good foliage.

	Wholesale Prices		Suggested Retail Prices	
	Per 10	Per 100	Each	Dozen
2 to 3 ft.	$7 00	$ 65 00	$ 1 50	$ 15 00
3 to 4 ft.	9 00	85 00	2 00	20 00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS (MOCK ORANGE, SYRINGA)—Continued

Virginal May-June. 7-8 ft.

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 50	$ 30 00	270 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00

PHYSOCARPUS (NINEBARK)

opulifolius aureus (Goldleaf Ninebark) May-June. 8-10 ft.

Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.

12 to 18 in.	2 60	22 00	200 00

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

12 to 18 in.	2 60	22 00	200 00
2 to 3 ft.	4 50	40 00	------
3 to 4 ft.	5 50	50 00	450 00

POMEGRANATE

punica nana (Dwarf Flowering)

An excellent dwarf type shrub. Produces an abundance of bright double, orange-red carnation type flowers. Not hardy where temperatures fall below 10 to 15 degrees above zero.

	Per 10	Per 100
12 to 15 in.	$ 4 50	$ 40 00
15 to 18 in.	5 50	50 00
18 to 24 in.	6 50	60 00

PRIVET (LIGUSTRUM)

California (ovalifolium) June-July. 8-12 ft.

	Per 100	Per 1000
9 to 12 in., branched	7 00	60 00
12 to 18 in., "	9 00	80 00
18 to 24 in., "	11 00	100 00
2 to 3 ft. "	16 50	150 00

Regel (regelianum) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

12 to 18 in.	25 00	220 00
18 to 24 in.	40 00	350 00
2 to 2½ ft.	45 00	400 00

Thompson's (thompsoni)

Rapid-growing; bushy; very desirable.

9 to 12 in.	7 00	60 00
12 to 18 in.	9 00	80 00
2 to 3 ft.	14 00	120 00
3 to 4 ft.	18 00	160 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

RHUS (SUMAC)

Cut Leaf (typhina laciniata) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00

ORNAMENTAL SHRUBS—Continued

RHUS (SUMAC)—Continued

Smooth (glabra) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$------
3 to 4 ft.	5 00	45 00	------

Staghorn (typhina) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rock soil.

18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------
4 to 5 ft.	6 00	55 00	------

SPIREA

arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------

billiardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

12 to 18 in.	2 60	22 00	200 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

froebeli (Froebel) May-June. 3-4 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.

12 to 18 in.	2 00	22 00	200 00
18 to 24 in.	3 20	28 00	250 00
2 to 2½ ft.	3 80	35 00	300 00

opulifolia nana (See Physocarpus opulifolius nana)

thunbergi (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf.. Foliage turns to orange-red in Autumn.

12 to 18 in.	2 60	22 00	200 00

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

12 to 18 in.	2 30	19 00	160 00
18 to 24 in.	2 60	22 00	
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	------

SYMPHORICARPOS (SNOWBERRY)

chenaulti (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	3 50	30 00	270 00
3 to 4 ft.	4 50	40 00	------

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00

vulgaris (Indiancurrant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	------
2 to 3 ft.	3 20	28 00	250 00

ORNAMENTAL SHRUBS—Continued

TAMARIX	Per 10	Per 100	Per 1000
hispida (Kashgar Tamarix) August-September. 12-15 ft.			
Slow, compact, upright growth; long panicles of bright pink flowers.			
3 to 4 ft.	$ 6 00	$ 55 00	$------

VIBURNUM

carlesi, Mayflower Viburnum. May. 5 ft.			
Waxy white delightfully fragrant flowers are produced in early spring as the leaves are unfolding. Very hardy, does well in light shade as well as in full sun.			
12 to 15 in., Wrapped in moss and burlap	14 00	120 00	------
15 to 18 in., " " " " "	18 00	160 00	------
18 to 24 in., " " " " "	22 50	200 00	------
dentatum, Arrowhead. April-May. 10-12 ft.			
Attractive foliage, white flowers, followed by bluish-black fruit.			
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	7 00	65 00	------
juddi, May. 5 ft.			
A new Carlesi-Burkwoodi hybrid. Produces sweet-scented, light pink, long tubed flowers. A vigorous grower.			
12 to 15 in., Wrapped in moss and burlap	16 00	140 00	------
15 to 18 in., " " " " "	20 00	175 00	------
18 to 24 in., " " " " "	25 00	225 00	------
lentago, Nannyberry. 18-20 ft.			
Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.			
18 to 24 in.	4 50	40 00	------
opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.			
Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.			
12 to 18 in.	3 50	30 00	------
18 to 24 in.	5 00	45 00	------
2 to 3 ft.	6 00	55 00	------
opulus sterile, Common Snowball. April-May. 10-12 ft.			
Popular shrub. Blooms profusely. Large double white flowers.			
12 to 18 in.	4 00	35 00	------
2 to 3 ft.	7 00	65 00	------
3 to 4 ft.	8 50	80 00	------
VITEX macrophylla (Big-leaved Chaste Tree). July to frost. 5-6 ft.			
Semi-dwarf flowers lavender-blue. Hardy.			
12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------

WEIGELA (DIERVILLA)

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.			
Attractive foliage; clear ruby red trumpet-shaped flowers over long season.			
12 to 18 in.	3 70	32 00	280 00
18 to 24 in.	5 00	45 00	------
2 to 3 ft.	6 00	55 00	------
floribunda (Crimson Weigela) May-June. 6-8 ft.			
Lighter red flowers than Eva Rathke, but a much stronger grower.			
12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------

ORNAMENTAL SHRUBS—Continued

WEIGELA (DIERVILLA)—Continued

rosea, (florida) Pink Weigela. May-June. 6-8 ft.
Popular shrub with beautiful showy pink flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$220 00
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	500 00

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

engelmanni (Engelmann Creeper) 30-40 ft.
Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall. Blue-black fruit.

	Per 10	Per 100	Per 1000
2 year, Medium	$ 2 60	$ 22 00	$------
2 " No. 1	3 50	30 00	------

veitchi (Tricuspidata) Boston Ivy 40-50 ft.
Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.

2 year, Medium	3 50	30 00	------
2 " No. 1	4 50	40 00	------
3 " No. 1	5 50	50 00	------

BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.
A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

2 year, Medium	2 60	22 00	200 00
2 " No. 1	3 50	30 00	270 00

HONEYSUCKLE (LONICERA)

Gold Flame. May until Frost. 15-20 ft.
Flowers flame-coral, inside clear yellow, produced in clusters.

2 year, Medium	3 70	32 00	280 00
2 " No. 1	4 50	40 00	350 00

Hall's Japan (Japonica Halliana) July-October. 20-25 ft.
Fragrant, pure white flowers, changing to yellow; almost evergreen.

2 year, Medium	1 80	15 00	------

Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.
A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

2 year, Medium	2 60	22 00	200 00
2 " No. 1	3 40	28 00	250 00

Summer King (Heckrotti) May until Frost. 15-20 ft.
Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.

2 year, Medium	3 70	32 00	280 00
2 " No. 1	4 50	40 00	350 00

CLIMBING VINES—Continued

	Per 10	Per 100	Per 1000
POLYGONUM auberti			
(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.			
A fast-growing, twining vine; light green leaves, fleecy white flowers.			
2 year, No. 1	$ 4 50	$ 40 00	$------
WISTERIA			
American (frutescens) June-July. 20-25 ft.			
Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.			
2 year, Medium	2 60	22 00	200 00
2 " No. 1	3 20	28 00	------
Chinese Blue (sinensis) May. 30-40 ft.			
Long, attractive drooping clusters of pea-shaped flowers.			
2 year, Medium	4 50	40 00	------
2 " No. 1	5 50	50 00	------
Chinese White (sinensis alba) May. 30-40 ft.			
White form of above.			
2 year, Medium	4 50	40 00	------
2 " No. 1	5 50	50 00	------
Multijuga Pink, Japanese Wisteria. May. 40-50 ft.			
Beautiful pink flowers in long clusters.			
2 year, Medium Grafts	4 50	40 00	------
2 " No. 1 "	5 50	50 00	------

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

	Per 100	Per 1000
BARBERRY, (BERBERIS)		
thunbergi (Japanese Barberry)		
9 to 12 in., 2 year seedlings, branched	$ 8 00	$ 70 00
12 to 18 in., 2 and 3 year seedlings, branched	10 00	90 00
18 to 24 in., 2 and 3 year seedlings, branched	14 00	120 00
CARAGANA arborescens (Siberian Pea Tree)		
6 to 12 in.	2 10	18 00
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	8 50	75 00
HONEYSUCKLE (Lonicera)		
Tatarian—Pink.		
12 to 18 in.	9 50	85 00
PRIVET—See Ornamental Shrubs.		
SPIREA vanhoutte		
9 to 12 in.	5 60	50 00
12 to 18 in.	10 00	90 00
18 to 24 in.	14 00	120 00

NOTE. HONEYSUCKLE Heckrotti makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

(Balled and Burlapped)

ALL EVERGREENS SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES. WE DO NOT GUARANTEE SURVIVAL.

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

PICEA (SPRUCE)	Per 10	Per 100
pungens, (Colorado Green Spruce) 60-80 ft.		
Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.		
2 to 2½ ft.	$32 50	$300 00
2½ to 3 ft.	37 50	350 00
3 to 3½ ft.	42 50	400 00
pungens glauca, (Colorado Blue Spruce) 60-80 ft.		
Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.		
2 to 2½ ft.	50 00	450 00
2½ to 3 ft.	65 00	600 00
THUJA (ARBOR VITAE)		
orientalis (biota) (Chinese A. V.) 20-25 ft.		
A broadly pyramidal tree, native of Asia; dense, compact dark green foliage dulling to bronzy green in winter.		
2 to 3 ft.	27 50	250 00
3 to 4 ft.	37 50	350 00

ROSES

All our roses are grown by men who have had long years of experience in growing roses. The land on which they are grown is carefully selected for its ability to produce a very fibrous root system and strong vigorous tops.

The buds are placed low on the understock thus eliminating "shanky" bushes and are nipped at just the right time to produce the maximum number of low branched canes.

Throughout the growing season they are fertilized regularly. After every rain or once per week, whichever would be most frequent, they are thorouhgly dusted.

By following this pattern we are able to hold the foliage on our roses throughout the summer. Consequently they continue to grow through the summer, storing up food for winter storage.

They are dug only when thoroughly dormant and are transferred directly to iced cars for shipment to Shenandoah where they are carefully graded and placed in our modern cold storage until you request shipment.

OUR ROSES ARE GUARANTEED TO PLEASE

All roses are tied No. 1 and No. 1½, 10 per bundle No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID TEA AND EVERBLOOMING

As this trade list goes to press our records indicate our supply of Hybrid Tea roses is exhausted. If any surplus develops an offering will appear in a subsequent List.

Available Patented roses are listed on pages 23 - 24 and 25.

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6 50	$ 60 00	------
" " " No. 1½	5 25	47 50	------
" " " No. 2	4 00	35 00	300 00

*__Baby Chateau,__ deep red blooms, one of the best of its type.

*__Else Poulsen,__ lasting bright rose-pink flowers; semi-double.

*__Floradora,__ Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. After several years of careful experimentation we have equipped this storage with the new germicidal lamps which our tests have shown will enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants. We have the been able to reduce sprouting in storage to a minimum by installing automatic controls to maintain proper temperature and humidity in our cold storage.

ROSES—Continued

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. PRICES ARE NET.

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each
Applause, Patent No. 829 (Retails $2.00 ea; 3 or more $1.75 ea.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Prolific bloomer. Winner of the much-prized BAGATELLE GOLD MEDAL.			
No. 1½	90	80	76
Capistrano, Patent No. 992 (Retails $2.25 ea; 3 or more $2.00 ea.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, strong heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.			
No. 1	$1 25	$1 12½	$ 1 05
No. 1½	1 00	90	84
Charlotte Armstrong, Patent No. 455 (Retails $2.00 ea; 3 or more $1.75 ea.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.			
No. 1	1 10	1 00	95
Crimson Glory, Patent No. 105 (Retails $1.75 ea; 3 or more $1.55 ea.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.			
No. 1	1 00	87½	--
No. 1½	80	70	64
Diamond Jubilee, Patent No. 824 (Retails $2.00 ea; 3 or more $1.75 ea.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Katherine T. Marshall, Patent No. 607 (Retails $1.75 ea; 3 or more $1.55 ea.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Mirandy, Patent No. 632 (Retails $1.75 ea; 3 or more $1.55 ea.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.			
No. 1	1 00	87½	80
No. 1½	80	70	64

ROSES—Continued

HYBRID TEA—Continued	10-20 Each	20-100 Each	100-250 Each
Nocturne, Patent No. 713 (Retails $1.75 ea; 3 or more $1.55 ea.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.			
No. 1	$ 1 00	$ 87½	$ 80
No. 1½	80	70	64
Rubaiyat, Patent No. 758 (Retails $1.75 ea; 3 or more $1.55 ea.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly opens into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A. A. R. S. award for 1947.			
No. 1	1 00	87½	80
No. 1½	80	70	64
San Fernando, Patent No. 785 (Retails $1.75 ea; 3 or more $1.55 ea.) A magnificent thirty petaled rose of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Sleigh Bells, Patent No. 1004 (Retails $2.00 ea; 3 or more $1.75 ea.) The large ovoid buds are borne singly on exceedingly long stems. The freely produced flowers open gradually into blooms of great size with 40 or more petals, lovely in all stages. Unusual for a white rose it is really fragrant and is vigorous and disease resistant.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Taffeta, Patent No. 716 (Retails $1.75 ea; 3 or more $1.55 ea.) Rich carmine-rose in the bud, changing to begonia-rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.			
No. 1	1 00	87½	80
No. 1½	80	70	64

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ROSES—Continued

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each
Cl. Peace, Patent No. 932 (Retails $2.50 ea; 3 or more $2.20 ea.) Climbing form of the famous bush Hybrid Tea.			
No. 1	$1 40	$1 25	$1 20
No. 1½	1 12	1 00	96
Cl. Summer Snow, Patent No. 400 (Retails $2.00 ea; 3 or more $1.75 ea.) Everblooming White Climber. Clusters of pure white flowers.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Dr. J. H. Nicolas, Patent No. 457 (Retails $2.00 ea; 3 or more $1.75 ea.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.			
No. 1	1 10	1 00	----
No. 1½	90	80	76
King Midas, Patent No. 586 (Retails $2.00 ea; 3 or more $1.75 ea.) Golden yellow with large, double, high-centered flowers with good form. Buds are touched with red.			
No. 1	1 10	1 00	95
No. 1½	90	80	76

PATENTED FLORIBUNDA

Chatter, Patent No. 739 (Retails $1.50 ea; 3 or more $1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.			
No. 1	90	75	70
No. 1½	72	60	56
Geranium Red, Patent No. 811 (Retails $1.50 ea; 3 or more $1.30 ea.) Flowers very double. (50 petals). Strong geranium fragrance, bright geranium-red; cluster.			
No. 1	90	75	70
No. 1½	72	60	56
Pinocchio, Patent No. 484 (Retails $1.50 ea; 3 or more $1.30 ea.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.			
No. 1	90	75	70
No. 1½	72	60	56

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ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
F. J. Grootendorst, small bright red flowers in clusters.			
18 to 24 in.	$ 8 00	$ 55 00	$------
12 to 18 in.	5 00	45 00	400 00
Grootendorst Pink, charming pink variety of Grootendorst.			
18 to 24 in.	6 00	55 00	------
12 to 18 in.	5 00	45 00	400 00
Hansa, large, double reddish violet flowers; very hardy.			
12 to 18 in.	4 50	40 00	350 00
Sir Thos. Lipton, snowy white flower freely produced.			
18 to 24 in.	5 50	50 00	------
12 to 18 in.	4 50	40 00	350 00

CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
American Pillar, large single flowers of crimson-pink. Large white center in tremendous clusters; hardy.			
No. 1	$ 5 50	$ 50 00	$------
No. 1½	4 50	40 00	------
No. 2	3 50	30 00	------
Blaze, hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet crimson. flower.			
No. 1	6 50	60 00	------
No. 1½	5 50	50 00	------
No. 2	3 70	32 00	------
Climbing American Beauty, crimson flowers in clusters.			
No. 1	5 50	50 00	450 00
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
Climbing Crimson Glory—See patented roses for prices and descriptions.			
Climbing Peace—See patented roses for prices and descriptions.			
Crimson Rambler, Scarlet crimson flowers in large clusters.			
No. 1	4 50	40 00	350 00
No. 1½	3 50	30 00	250 00
No. 2	2 40	20 00	180 00
Dorothy Perkins, miniature shell pink flowers in clusters.			
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00

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ROSES—Continued

CLIMBERS and RAMBLERS—Continued	Per 10	Per 100	Per 1000
Dr. J. H. Nicolas—See patented roses for prices and descriptions.			
Dr. Van Fleet, large, flesh-pink flowers on long stems.			
No. 1½	$ 4 50	$ 40 00	$350 00
No. 2	2 90	25 00	220 00
Excelsa, intense scarlet, large clusters of small flowers.			
No. 1	4 00	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00
Excelsa Pillar, strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.			
No. 1	4 00	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00
Gardenia, creamy-yellow flowers in small sprays; quite hardy.			
No. 1	5 50	50 00	------
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
King Midas—See Patented Roses for prices and description.			
New Dawn, fragrant blush pink flowers in clusters. Everblooming.			
No. 1½	5 50	50 00	------
No. 2	3 70	32 00	------
Paul's Scarlet Climber, large intense scarlet flowers borne in clusters; free-flowering and hardy.			
No. 1	6 00	55 00	500 00
No. 1½	5 00	45 00	400 00
No. 2	3 20	28 00	250 00
Primrose, double, canary-yellow flowers; hardy.			
No. 1	6 00	55 00	------
No. 1½	5 00	45 00	------
No. 2	3 20	28 00	------

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HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (★) especially suited for rock-garden.

AQUILEGIA, Columbine. May-June.	Per 10	Per 100
Chrysantha, best long-spurred golden yellow flowers. 2½ ft. Late.	$ 1 40	$ 12 00
Chrysantha Silver Queen, best long-spurred pure white. 2½ ft.	1 40	12 00
Crimson star Longissima—New improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	1 40	12 00
★**coerulea** (Rocky Mountain Blue Columbine). 2 ft.	1 40	12 00
Lavender and Blue Shades, long-spurred flowers. 2 ft.	1 40	12 00
Pink and Rose Shades, long spurred flowers. 2 ft.	1 40	12 00
Ruby and Crimson Shades, long-spurred flowers. 2 ft.	1 40	12 00

BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)

CAMPANULA, Bellflower		
medium (Single canterburybells), large bell-shaped flowers. **Blue, Rose and White,** separate colors. June. 2 ft.	1 40	12 00

GARDEN CHRYSANTHEMUMS

For spring delivery, we reserve the right to supply well-furnished heavily rooted 2½ inch pot plants or field grown plants.

STANDARD AND KOREAN VARIETIES

Algonquin, a very hardy variety, with healthy foliage. Pure bright yellow flowers; large and double. Early.	1 80	15 00
Allegro. Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches.	1 80	15 00
Betty. An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches.	2 90	25 00
Chris Columbus. Double. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Late September. 26 inches.	2 10	18 00
Early Worm. A vivid semi-double dwarf yellow. Early and very hardy.	2 10	18 00
Fuchsia Fairy. A fine new dwarf mum of clear fuchsia color. Bears a mass of fully double flat flowers about 1 inch across.	2 40	20 00
Generalissimo. A very rugged, fully double flower of soft magnolia-purple. Early September.	2 90	25 00

HARDY PERENNIAL PLANTS—Continued

STANDARD AND KOREAN VARIETIES—Continued

	Per 10	Per 100
Glacier. Pure glistening white, fully double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches.	$ 2 10	$ 18 00
Gold. Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches.	2 10	18 00
Golden Memories. Brilliant golden yellow button in sprays with new buds in abundance. Start opening from August throughout the entire season. Large massive plant 28 inches across.	2 10	18 00
Gold Pagent. Masses of 3 inch double flowers of gold with a darker shimmering sheen. Orange buds create a contrasting mass of harmonious beauty. Blooms early — September 25th.	2 10	18 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches.	1 80	15 00
Pink Surprise. Great mass of giant double 4½ inch brilliant pink blooms. Best early pink—September 15th. A leader in its color.	2 10	18 00
Ray Dietz. A small buttonhole pompom of brightest yellow. Fully double. 1 inch across.	2 10	18 00
September Dawn. Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches.	2 10	18 00
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches.	2 10	18 00
Meditation. Full double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches.	2 90	25 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches.	2 10	18 00
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches.	2 10	18 00
Tangerine. Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy deeply cut foliage. September to mid-October.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued

NEW HARDY ENGLISH CHRYSANTHEMUMS

	Per 10	Per 100
Adoration. Large spreading double blooms. Pink on a cream background. Easy to disbud. Plants will carry 6 to 8 blooms 5 to 6 inches in diameter. Fine for cutting. Late September. 36 inches.	$ 2 90	$ 25 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when disbudded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches.	2 40	20 00
Primrose. An immense primrose yellow flower shading to cream. A strong grower. Good as sprays, but immense if disbudded. A beauty. September.	2 90	25 00

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

Bronze Cushion, double flowers compact mounds of bronze and copper. Early.	1 80	15 00
Pink Cushion, masses of light pink flowers in broad mounds.	1 80	15 00
Red Cushion, a splendid improved early crimson red variety.	$ 1 80	$ 15 00
White Cushion, a select strain, double white flowers.	1 80	15 00

HARDY CARNATION—See Dianthus Grenadin Caryophyllus

COREOPSIS, Tickseed	Per 10	Per 100	Per 1000
Mayfield Giant, large yellow flowers on firm, strong stems.	$ 1 20	$ 10 00	$ 80 00
DAISY SHASTA, Chrysanthemum Maximum			
Alaska Supreme, Shapely plants, large flowers. June-July.	1 20	10 00	80 00
Dieners Double, many of the blooms are large and very double; an excellent cut flower variety. June-July. 2 ft.	1 40	12 00	100 00
DELPHINIUM, Larkspur			
Bellamosa Improved, dark blue flowering form of Belladonna.	1 20	10 00	80 00
Cliveden Beauty, large spikes, sky-blue flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	1 20	10 00	80 00
La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4 to 5 ft.	1 20	10 00	80 00
★DIANTHUS.			
Barbatus, Old Fashioned Sweet William. This is the old fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.			
Newport Pink. Rich Salmon pink. This variety being grown from seed is always partly mixed.	1 20	10 00	------
Scarlet Beauty. 18 inches.	1 20	10 00	80 00
Latifolius.			
Atrococcineous flore pleno, deep intense scarlet; double flowering. Blooms all summer. 12 inches.	1 20	10 00	80 00
Plumaris.			
Semperflorens flore pleno. Single and double pinks. 15 inches.	1 40	12 00	------

HARDY PERENNIAL PLANTS—Continued

DIANTHUS GRENADIN CARYOPHYLLUS (HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Golden Sun. Early flowering, very double, large clear yellow flowers.	$ 1 80	$ 15 00

DIELYTRA, (DICENTRA) Bleeding Heart

	Per 10	Per 100	Per 1000
★**exima, Fern-leaved Bleeding Heart.** A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.	$ 2 10	$ 18 00	$160 00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 18 in. Undivided plants. 3 to 5 eye.	4 50	40 00	------

FUNKIA, plaintain Lily

	Per 10	Per 100
★**lancifolia,** green foliage, lilac flowers. July-Aug. 18 in.	1 80	15 00

GAILLARDIA, Blanket Flower. June until frost.

Burgundy, rich wine-red; excellent for cutting. 1½ to 2 ft.	1 80	15 00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1 40	12 00
Sunset, large flowers are pure yellow with red center.	1 40	12 00

GYPSOPHILA, Baby's Breath

Oldhamiana, flowers white delicately tinted pink; upright growth. Blooms late in Autumn. 3 ft.	1 80	15 00
paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft.	1 20	10 00

HEMEROCALLIS, Day Lily

Dawn. A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches.	3 50	30 00
Florham, large trumpet-shaped golden yellow flowers. June	1 80	15 00
Kwanso Fl. Pl., a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry, brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	1 80	15 00
Thunbergi, much like flava but flowers one month later. July. 2½ feet.	1 20	10 00

HIBISCUS, Rose Mallow

Giant Flowering Mixed. August-September. 4-5 ft.	1 40	12 00

★HOLLYHOCKS, Althea Rosea

Double Separate Colors, Blood Red, and, Newport Pink. July. 4 ft.	1 40	12 00

★IBERIS, Hardy Candytuft.

Sempervirens, each plant is a sheet of white in May and June; plants are dwarf, deep green foliage almost evergreen. 8 inches.	1 40	12 00

PERENNIALS—Continued

	Per 10	Per 100
LATHYRUS, Everlasting Sweet Pea		
latifolius, a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.	$ 1 40	$ 12 00
★LINUM, Flax		
perenne, bright blue flowers, upright growth.	1 20	10 00
LUPINUS		
polyphyllus. Tall spikes. Separate colors, dark blue, light blue, carmine. June. 3 to 4 ft.	1 80	15 00
LYCHNIS, Campion		
Chalcedonica, Maltese Cross, vivid scarlet flowers. July. 2 ft.	1 40	12 00
LYTHRUM.		
The Beacon. For small borders or large mass planting, the long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost.	1 80	15 00
MYOSOTIS, Forget-me-not		
★Palustris semperflorens, rich blue flower, yellow eye. Blooms all summer. 8 in.	1 40	12 00
Pink Beauty. Clusters of large, deep pink forget-me-not flowers. Good cut flower. June to September.	2 10	18 00

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted are vigorous and well developed.

	Per 10	Per 100
Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 inches.	$ 1 80	$ 15 00
American Beauty. A beautiful deep rose-pink. All that the name implies.	1 80	15 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
Apollo Red. Deep rose-red.	1 80	15 00
B. Comte, rich, satiny wine-red; one of the most brilliant.	1 80	15 00
Eva Forester, large heads of 30 to 40 individual flowers at one time. Flower clear pink and 1¼ in. across.	1 80	15 00
Flash. New. Showy bright red. One of the best of the new Phlox.	1 80	15 00
Harvest Fire, large, salmon-orange trusses made up of large florets.	1 80	15 00
Jules Sandeau, rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 40	12 00
July Lights. Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye.	1 80	15 00
Leo Schlageter, brilliant, glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence today.	1 80	15 00
Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1 80	15 00
Moonlight Dream. Large rich creamy white trusses. Medium grower.	2 10	18 00

PERENNIALS—Continued

PHLOX—Paniculata—Continued	Per 10	Per 100
Mrs. Harding, deep salmon-rose with orange cast; a fine large flowering variety of branching habit. Very prolific.	$ 1 80	$ 15 00
Mrs. Jenkins. Pure white, late flowering. Free from any disease.	1 40	12 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	1 80	15 00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2 10	18 00
Prime Minister, pure white with distinct crimson eye.	1 40	12 00
Progress. Superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2 10	18 00
Purple Sweetheart. Large reddish purple florets with darker eye. One of the best purples.	1 80	15 00
Rheinlander, salmon pink with carmine eye.	1 80	15 00
Rijnstroom, clear rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.	1 40	12 00
Salmon Beauty, one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox.	1 80	15 00
Salmon Glow. Beautiul, large flame pink flowers with salmon flush.	1 80	15 00
San Antonio. Carmine shaded plum-red, the heads and individual flowers are very large.	2 10	18 00
Sieboldt. Orange scarlet with crimson eye.	1 80	15 00
Starlight, large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand.	1 80	15 00
Thor, deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering.	1 40	12 00
World Peace. Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white.	2 40	20 00
PHLOX, subulata, Moss or Mountain Pinks		
alba, pure white flowers cover the plant in May.	1 40	12 00
Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2 10	18 00
Emerald Cushion. A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 40	20 00
lilacina, a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in.	1 40	12 00
May Snow. An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2 10	18 00
Samson, rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00

PERENNIALS—Continued

	Per 10	Per 100
PHYSOSTEGIA.		
Summer Glow. Tall stems often exceeding 4 feet, topped by colorful rosy-crimson flower spikes 18 inches in length. Splendid for background or as cut flowers. Mid-August.	$ 2 10	$ 18 00
PLATYCODON, Balloon Flower. June and July. 18 in.		
grandiflorum, blue.	1 40	12 00
Grandiflora Rosea, Lovely new pure rose-pink.	1 80	15 00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
atrosanguinea, deep rose-red, single flowers.	1 40	12 00
SALVIA (Sage)		
Edible, especially valuable for seasoning. 2 ft.	1 20	10 00
★SEDUM, Stonecrop		
Acre, (Golden Moss), green foliage, yellow flowers. July. 4 inches.	1 40	12 00
Kamtschaticum. Orange-yellow flowers, with prostrate, green foliage turning golden in autumn.	1 80	15 00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.	1 80	15 00
Spectabilis Brilliant, light green foliage, broad heads of rich rose-red flowers. August-September. 15 inches.	1 80	15 00

TRITOMA

	Per 10	Per 100
Coral Sea. (Pat. No. 563). Color a fine shade of pastel coral-red, overlaid deep rose. The plants form graceful flower spikes which in June and July produce from 15 to 30 medium sized flower spikes of uniform height, about 30 inches.	$ 5 00	$ 35 00

(Retails; 95¢ each;$7.25 per doz.)

	Per 10	Per 100
VERONICA, Speedwell		
Incana Rosea. Silvery gray foliage with upright spikes of pink flowers. June. 9 in.	$ 2 10	$ 18 00
YUCCA FILAMENTOSA		
Creamy yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. From root divisions.	2 10	18 00
LILIUM, Domestic Grown		
regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.		
4 to 6 in.	90	7 00
tenuifolium (Coral L). Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.	1 00	8 00
3 to 4 in.	1 20	10 00
4 to 5 in.	1 40	12 00
tigrinum, the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in.	1 40	12 00
Double 6 to 8 in.	1 80	15 00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white, bell-shaped flowers for shaded locations.		
Pips	40	3 50
Clumps (10 pips each)	2 90	25 00

SPRING BULBS

CANNAS

	Per 100	Per 1000
The cannas we are offering are strong 3 to 5 eye divisions, properly matured and cured to insure the best possible results	$ 7 50	$ 65 00

BRONZE FOLIAGE VARIETIES

King Humbert, a grand variety. The largest heart shaped leaves are purple-madder brown over bronze; immense orchid-like velvety orange-scarlet flowers. 5 ft. tall.

Wyoming, orchid-flowering variety; magnificent orange-colored flowers. Purple foliage. 5 ft. tall.

CREAM WITH GREEN FOLIAGE

★**Eureka,** the only really worthwhile white Canna. 4 ft. tall.

PINK SHADES WITH GREEN FOLIAGE

★**City of Portland,** undoubtedly the most popular pink blooming Canna. A fast grower, and heavy bloomer. 5 ft. tall.

Hungaria, rich soft pink flower; free-flowering, vigorous. 4 ft. tall.

Pink Gem, Bright salmon-rose flowers. 4 ft. tall.

RED SHADES WITH GREEN FOLIAGE

The President, immense firm flowers of rich glowing scarlet produced on strong erect stalks well above the large rich green foliage. 4 ft. tall.

Florence Vaughan, golden yellow dotted crimson. 4 ft. tall.

Yellow King Humbert, yellow with red spots; very attractive. 4 ft. tall.

★**Varieties.** Prices $8.50 per 100; $75.00 per 1000.

DAHLIAS

The Dahlias offered are all exceptionally fine, reasonably priced varieties; strong healthy tubers with good crowns and eyes. Varieties offered were selected for their adaptability to the average garden, freeness of bloom and cut-flower value.

DECORATIVE	Per 10	Per 100
Avalon, the finest canary yellow; excellent for cuttings	$ 1 80	$ 15 00
Gertrude Brinton, brilliant scarlet-crimson	1 80	15 00
Jane Cowl, glistening bronze-buff and salmon shades	2 10	18 00
Jean Kerr, pure white, a fine cut flower	1 80	15 00
Jersey Beauty, very popular pink. Profuse bloomer	2 10	18 00
Mrs. I. de Ver Warner, orchid pink; large and popular	1 80	15 00

BOXING CHARGES

30x30x10	$7 00	24x24x6	$4 50
30x30x8	6 00	20x20x10	5 00
30x30x6	5 00	20x20x8	4 50
30x30x5	4 50	20x20x5	3 75
30x30x4	3 50	18x19x10	5 50
24x24x10	6 00	16x16x10	4 25
24x24x8	5 50	12x12x10	3 50

CORRUGATED BOXES

72x20x20	$2 25	48x20x20	$1 25
60x20x20	1 75	36x20x20	1 00

Bales will be charged at actual cost of the material and labor.

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Patented Hybrid Tea Roses

CAPISTRANO
(Plant Patent 992)

FORTY-NINER
(Plant Pat. 792)

DIAMOND JUBILEE
(Plant Pat. 824)

CRIMSON GLORY
(Plant Pat. 105)

RED
PINOCCHIO
(Plant Pat. 812)

TAFFETA
(Plant Pat. 716)

Our Roses are carefully and liberally graded before being placed in our modern cold storage. The temperature and humidity is maintained at the proper level to insure completely dormant and vigorous plants. It is also equipped with ultra-violet ray lamps to completely prevent and destroy all bacterial growth.

FASHION
(Plant Patent 789)

MIRANDY
(Plant Pat. 632)

ORDER EARLY for the Best Selection and Delivery Assurance.

Lakes

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